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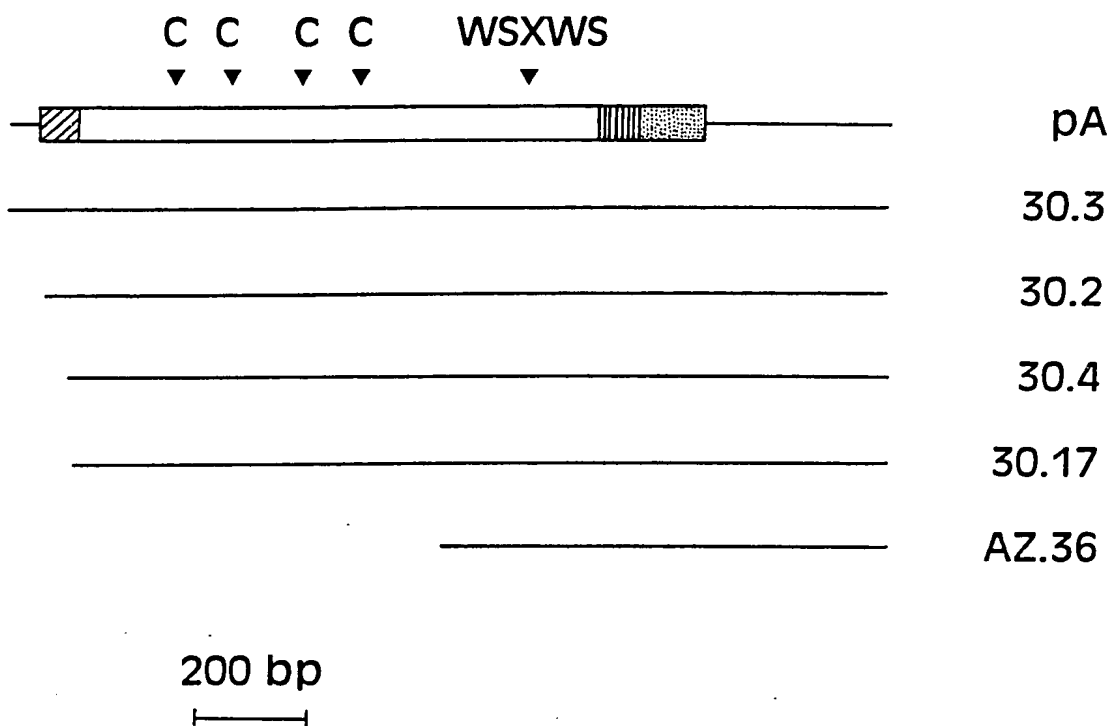
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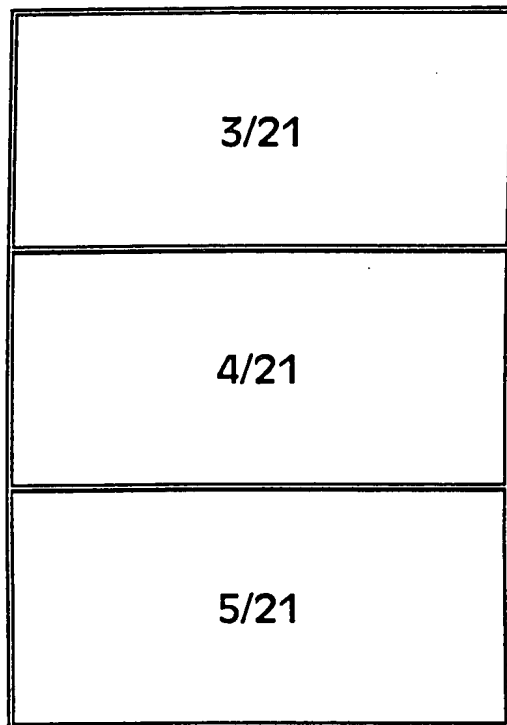
1/21

FIGURE 1A



2/21

FIGURE 2



3/21

FIGURE 2

IG-LIKE

M NR1	MSSSCSGLTRVLVAVATALVSSS--SPCPQAWGPPVQYQGPVMLCCPG-VSAGTP
M IL-6R	MLTVGCTLLVALLAAPAVLVLS--CRALVANGTVTSLPGATVTLICPGKEAAGN
H CNTFR	MAAPVPWACCAVLAAAA--VVAQRHSPQEAAPHVQYERLGSVDVTLPCGTANWDAA
H IL-12p40	MCHOQLVISWESLVFLASPLVAIWELKDVVVVELDWYPDAPGEMVVLTCDTPEEDG-
M GM-CSFR	MTSSHAMNITPLAQLALLFSTLLIPGTO--ALLAPT-TPDA-GSALNLTFDPWTRT--

M NR1	--VDWFRDGSRLIQG-----PDSGLGHRVLVAQVDSPCGTXVCQTLDGVSAGMVT-
M IL-6R	VTIHWVYSGSNR-----EWTITGNTLVLRDVQLSDTGDXLCSLNDHLVGTVPLL
H CNTFR	--VTWRVNGTDLA-----PDLLNGSQLVLHGLELGHSGLXACFHRDSWHLRHQVL
H IL-12p40	--ITWTLDQSSEV-----LGSCKTLTIQVKEFGDAGQXTCHKGGEVLSHSLLL
M GM-CSFR	--LTWACDTAAGNVTVTSTVTSREAGIHRRVSPFGRCWFRRMMALHHGVTLDVNGT

M NR1	LKLGf-----
M IL-6R	VDV-----
H CNTFR	LHVGL-----
H IL-12p40	LHKKEDGIWSTDILKDQKE
M GM-CSFR	VGGAAAHWRLS-FVNESAA

4/21

FIGURE 2 (continued...)

SD100A
M NR1 PPARPEVSCQAVDX-EMFSCWSPQVSGLPTRYLTSYRKKTLPGAESQRESPSTGPWP
M IL-6R PPEPKLSCFRKNPLVMAICEWRPSTPSTTKAVLFAKKINTNGK-----SDFQVP
H CNTFR PPPEVLSCRSNTXPKGFCSWHLPTPTYPNTFNVTVLH-----GSKIMV
H IL-12p40 PKNKTFRLRCEAKNYSGRFTCWLTTI-----STDLTFSVKSSRGSS-----DPQGV
M GM-CSFR GSGAENLTCEIRAA-RFLSCAWREGPAA--PADVRYSRLRVLNST-----GHDVAR

M NR1 CPQDPLE-----ASRCVVHG-----AELWSEYRTNVTEVNPL--GASTCLLD
M IL-6R CQYSQQLK-----SFSCQVE-----ILEGDKVYHIVSLCVANSVGSKSSHNE
H CNTFR CEKDPAL-----KNRCHIRYMHLEFSTIKYKVISVSNA-----GHNATAIT
H IL-12p40 CGAATLSAERVGRDNKEYEYSVECEQEDSACPAAKESLPIEVMVDV--HKLYENYTS
M GM-CSFR CMADPGDDV-----ITQCIA-----NDLSLLGSEAYLVVTGRSGAGPVRFLLD

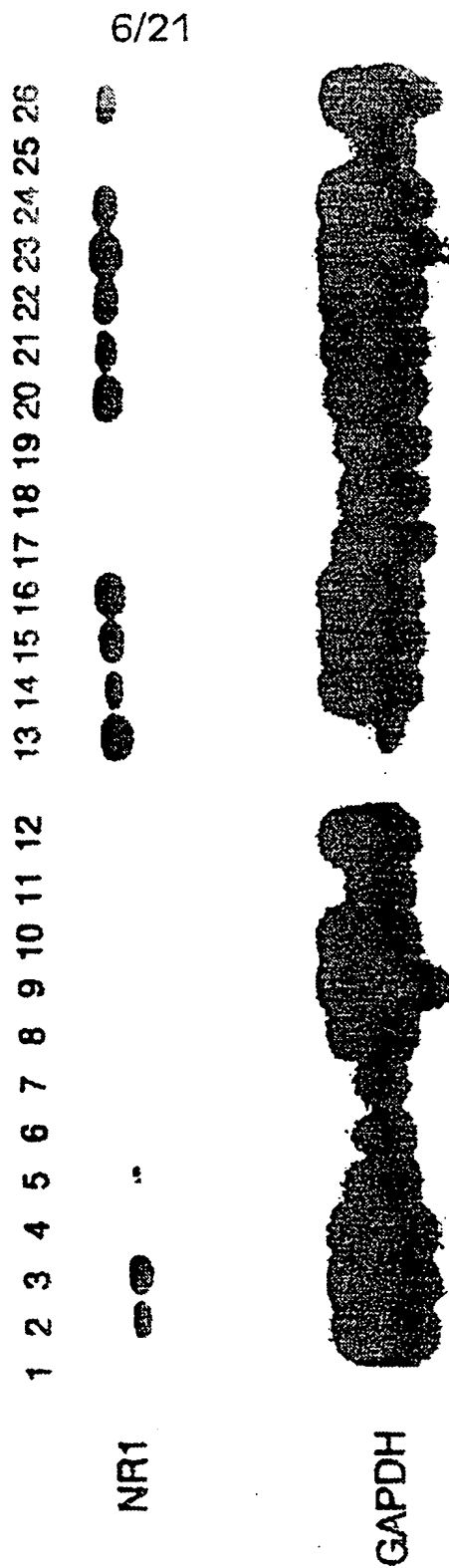
M NR1 VRLQSTLR---
M IL-6R AFHSLKMQV--
H CNTFR FDEFTIVK---
H IL-12p40 FFIRDIK---
M GM-CSFR VVATKALERLG

5/21

FIGURE 2 (continued...)

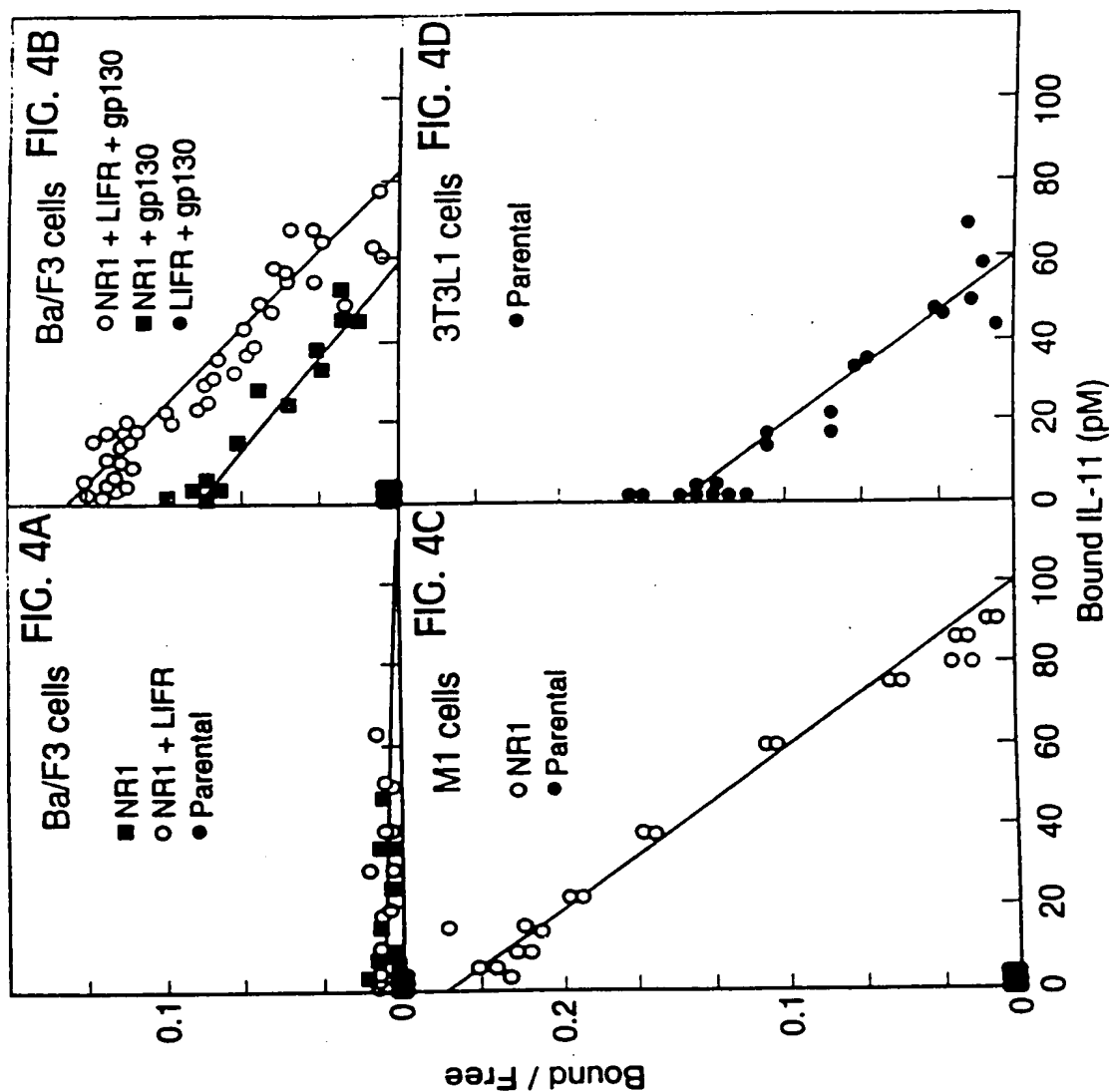
SD100B	M NR1	PDPQGLRVESVPGYPRRLHGSWTYPASWPRQPHFL-----LKLRLQXRPAQHPAWSTV
	M IL-6R	PDPANLVVSAIPGRPRWLKVSQHPETWDPSY-YL-----LQQLRXPVWSKEFTVL
	H CNTFR	PDPENNVARPVPSNRRRLVETWQTPSTWPDPESEFLKFF-LRYRPLILDQWQHVELSD
	H IL-12p40	PDPENNQLK-PLKNSRQVEVSWEXPDWTSTPHSYFSLTFCVQVQGSKREKKDRVFTD
	M GM-CSFR	--PPRDVT--ASCNSSHCTVSWAPPSTWASLTARDFQFE-VQWQSAEPGSTPRKVLV
	M NR1	RPIGL--EEVITDAVAGLPMVRVSARDFLDAGTWSAWSPEAWGTPSTG-PLQDEIPD-
	M IL-6R	LLPVAQYQCVIHDALRGVMVQVRGKEELDLGQSEWSPEVTGTWPWIAEPRTPAGIL
	H CNTFR	GT-----AHTITDAYAGKEYIIQVAAKDNEI-GTWSDWVAAHATPWTEEPRLHTEAQ
	H IL-12p40	KT-----SATVICRKNASISVRAQDRYSSSWSEWASVPCS*
	M GM-CSFR	KETRL----AFPSPAPHGGMKVVRAGDTRMK-HWGEWSPAHL- <u>EAEDTRVP</u> -----
TM/CYT	M NR1	WSQGHGQQLVVVAQEDSPAPARPSLQDPDRPLDHRDPLEQ
	M IL-6R	WNPTQVSEDSANHEQYESSTEATSVLAPVQESSMSLPT
	H CNTFR	AAETTTSTSSLAPPPTKIC-----
	M GM-CSF	-----
	M NR1	<u>VAVLASLLGIFSCGLAVGALALGLWLRRLRRSGKDGPKPGLA--PMIPVEKLPGIPN</u>
	M IL-6R	<u>FLVAGGSLAFGLLVCVFIIL-----RLKQKWKSEAEKESKTTSPPPPPYSLGPKPT</u>
	H CNTFR	<u>DPGELSGGGPSAPFLVSPITLALAAAAATASSLLI*</u>
	M GM-CSF	<u>ALLYAVTACAVLLCALGVTC-----RRFEVTRR-----LYPPIPGIRD</u>
	M NR1	LQRTPENFS*
	M IL-6R	FLLVPLLTTPHSSGSDNTVNHSCLGVRDAQSPYDNSNRDYLFP*
	M GM-CSFR	KVSDDDVRVNPETLRKDLLQP*

FIGURE 3



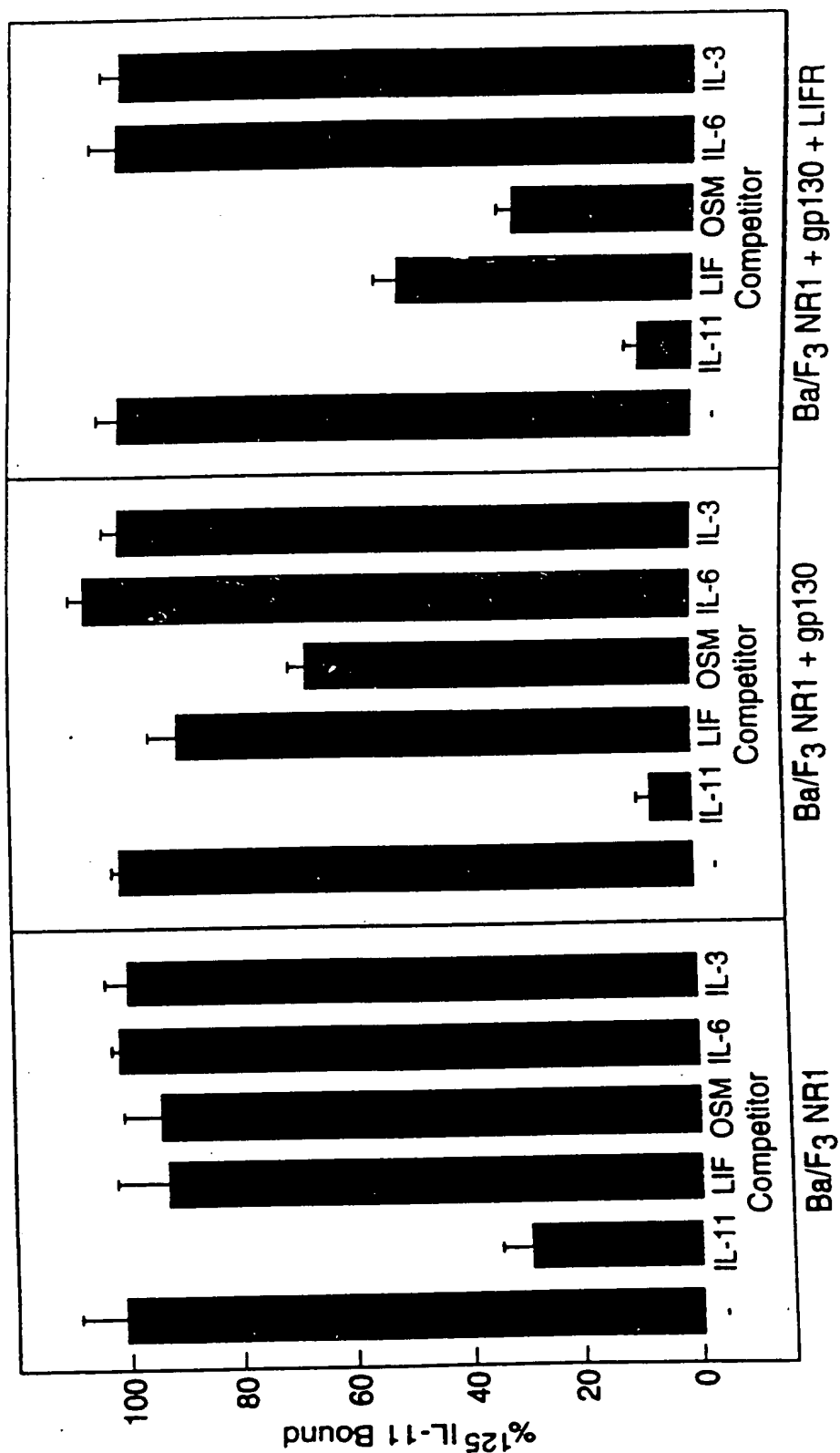
7/21

FIGURE 4



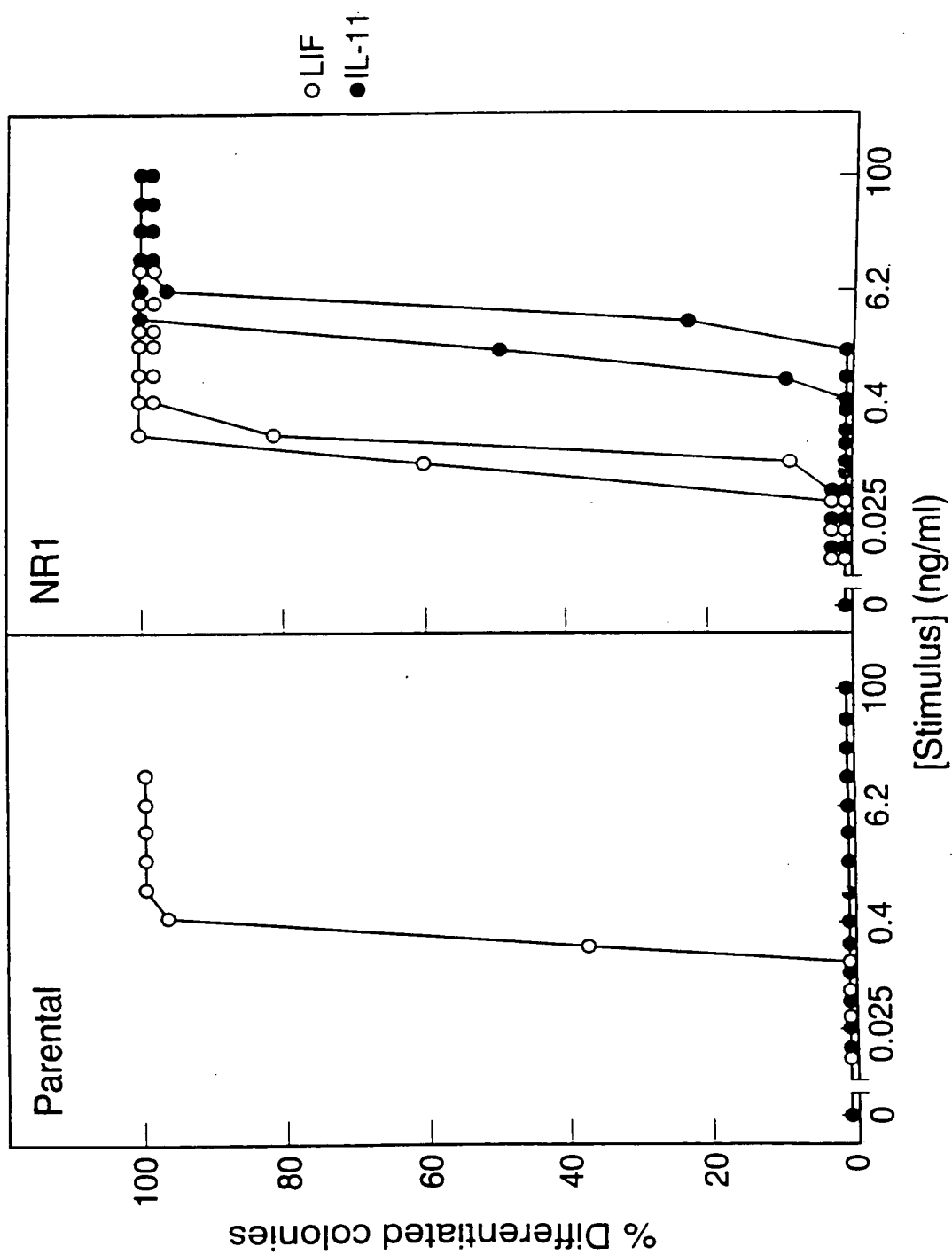
8/21

FIGURE 5



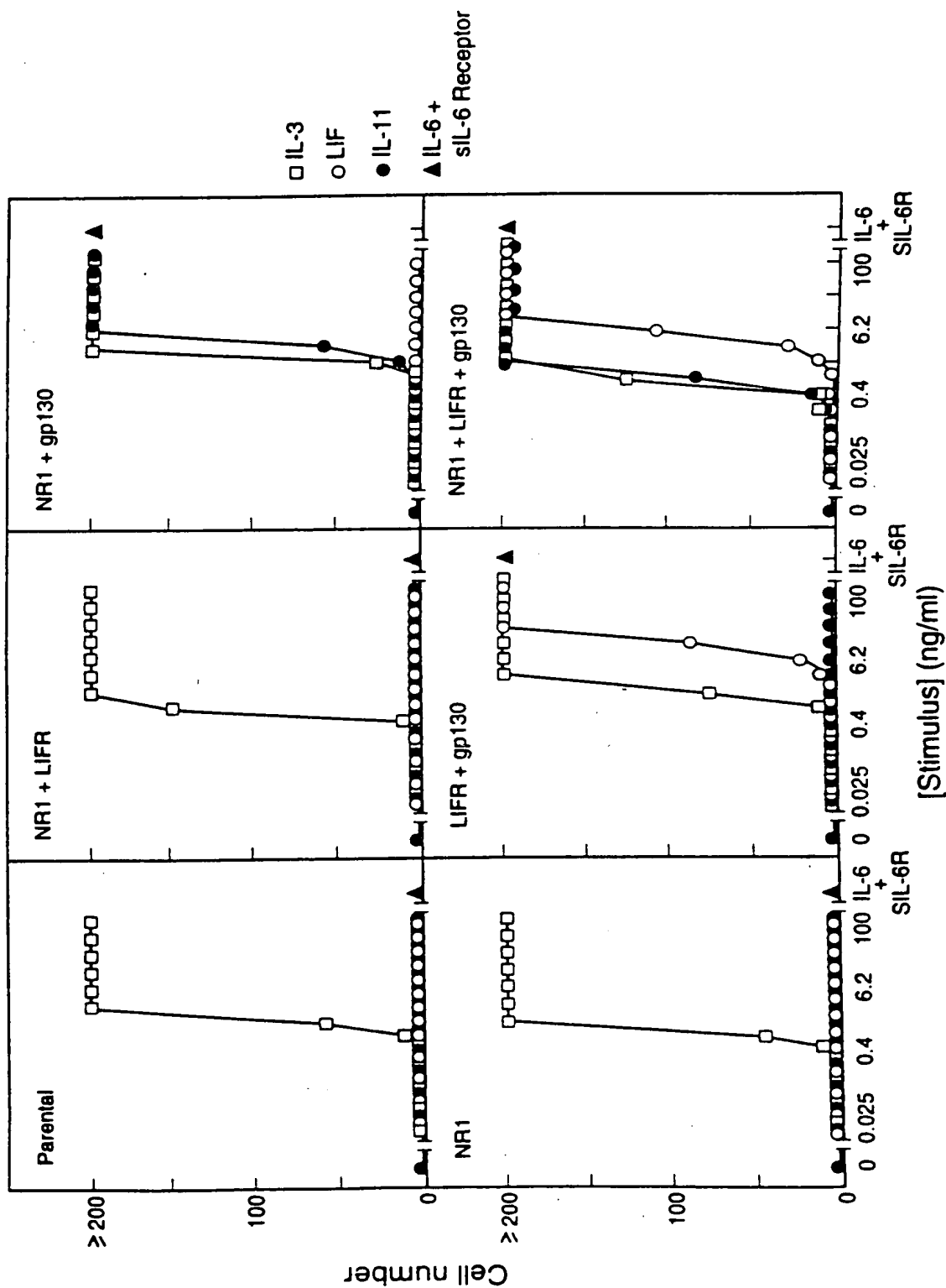
9/21

FIGURE 6



10/21

FIGURE 7



11/21

FIGURE 8

12/21
13/21
14/21
15/21

12/21

FIGURE 8

60	TCTAACAGCC TTACCCCACT TGGTGATCA ATTTTCTCTC TAGGAAGCCT CAGTTTGGG
120	GAGGAAGAGC CAGGCTTTAG CTCCCATCTC AGGGTCGGG GATTTTGGAC TCTACCTCTC
169	CCACACAG ATG AGC AGC AGC TGC TCA GGG CTG AGC AGG GTC CTG GTG GCC
	Met Ser Ser Ser Cys Ser Cys Ser Gly Leu Ser Arg Val Leu Val Ala
	1 5 10
217	GTG GCT ACA GCC CTG GTG TCT GCC TCC TCC TCC TCC TGC CCC CAG GCC TGG
	Val Ala Thr Ala Leu Val Ser Ala Ser Ser Pro Cys Pro Gln Ala Trp
	15 20 25 30
265	GGC CCC CCA GGG GTC CAG TAT GGG CAG CCA GGC AGG TCC GTG AAG CTG
	Gly Pro Pro Gly Val Gln Tyr Gly Gln Pro Gly Arg Ser Val Lys Leu
	35 40 45
313	TGT TGT CCT GGA GTG ACT GCC GGG GAC CCA GTG TCC TGG TTT CGG GAT
	Cys Cys Pro Gly Val Thr Ala Gly Asp Pro Val Ser Trp Phe Arg Asp
	50 55 60
361	GGG GAG CCA AAG CTG CTC CAG GGA CCT GAC TCT GGG CTA GGG CAT GAA
	Gly Glu Pro Lys Leu Leu Gln Gly Pro Asp Ser Gly Leu Gly His Glu
	65 70 75
409	CTG GTC CTG GCC CAG GCA GAC AGC ACT GAT GAG GGC ACC TAC ATC TGC
	Leu Val Leu Ala Gln Ala Asp Ser Thr Asp Glu Gly Thr Tyr Ile Cys
	80 85 90
457	CAG ACC CTG GAT GGT GCA CTT GGG GGC ACA GTG ACC CTG CAG CTG GGC
	Gln Thr Leu Asp Gly Ala Leu Gly Gly Thr Val Thr Leu Gln Leu Gly
	95 100 105 110

13/21

FIGURE 8

505	TAC CCT CCA GCC CGC CCT GTT GTC TCC TGC CAA GCA GCC GAC TAT GAG Tyr Pro Pro Ala Arg 115 125
553	AAC TTC TCT TGC ACT TGG AGT CCC AGC CAG ATC AGC GGT TTA CCC ACC Asn Phe Ser Cys Thr 130 140
601	CGC TAC CTC ACC TCC TAC AGG AAG ACA GTC CTA GGA GCT GAT AGC Arg Tyr Leu Thr Ser Tyr Arg Lys 150 145
649	CAG AGG AGG AGT CCA TCC ACA GGG CCC TGG CCA TGC CCA CAG GAT CCC Gln Arg Arg Ser Pro Ser Thr Gly Pro Trp Pro Cys Pro Gln Asp Pro 150 165 170
697	CTA GGG GCT GCC CGC TGT GTC CAC GGG GCT GAG TTC TGG AGC CAG Leu Gly Ala Ala Arg Cys Val 180 175 185
745	TAC CGG ATT AAT GTG ACT GAG GTG AAC CCA CTG GGT GCC AGC ACA Tyr Arg Ile Asn Val Thr Glu Val Asn Pro Leu Gly Gly Ala Ser Thr 195 200 205
793	CGC CTG CTG GAT GTG AGC TTG CAG AGC ATC TTG CGC CCT GAC CCA CCC Arg Leu Leu Asp Val Ser Leu Gln Ser Ile Leu Arg Pro Asp Pro Pro 210 215 220
841	CAG GGC CTG CGG GTA GAG TCA GTA CCA GGT TAC CCC CGA GGC CTG CGA Gln Gly Leu Arg Val Glu Ser 230 225 235

14/21

FIGURE 8

889	GCC AGC TGG ACA TAC CCT GCC TCC TGG CCG TGC CAG CCC CAC TTC CTG Ala Ser Trp Thr Tyr Pro Ala Ser Trp Pro Cys Gln Pro His Phe Leu 240 245 250
937	CTC AAG TTC CGT TTG CAG TAC CGT CCG GCG CAG CAT CCA GCC TGG TCC Leu Lys Phe Arg Leu Gln Tyr Arg Pro Ala Gln His Pro Ala Trp Ser 255 260 265 270
985	ACC GTG GAG CCA GCT GGA CTG GAG GAG GTG ATC ACA GAT GCT GTG GCT Thr Val Glu Pro Ala Gly Leu Glu Glu Val Ile Thr Asp Ala Val Ala 275 280 285
1033	GGG CTG CCC CAT GCT GTA CGA GTC AGT GCC CGG GAC TTT CTA GAT GCT Gly Leu Pro His Ala Val Arg Val Ser Ala Arg Asp Phe Leu Asp Ala 290 295 300
1081	GGC ACC TGG AGC ACC TGG AGC CCG GAG GCC TGG GGA ACT CCG AGC ACT Gly Thr Trp Ser Thr Trp Ser Pro Glu Ala Trp Gly Thr Pro Ser Thr 305 310 315
1129	GGG ACC ATA CCA AAG GAG ATA CCA GCA TGG GGC CAG CTA CAC ACG CAG Gly Thr Ile Pro Lys Glu Ile Pro Ala Trp Gly Gln Leu His Thr Gln 320 325 330
1177	CCA GAG GTG GAG CCT CAG GTG GAC AGC CCT GCT CCT CCA AGG CCC TCC Pro Glu Val Glu Pro Gln Val Asp Ser Pro Ala Pro Pro Arg Pro Ser 335 340 345 350
1225	CTC CAA CCA CAC CCT CGG CTA CTT GAT CAC AGG GAC TCT GTG GAG CAG Leu Gln Pro His Pro Arg Leu Leu Asp His Arg Asp Ser Val Glu Gln 355 360 365

15/21

FIGURE 8

GTA GCT GTG CTG GCG TCT TTG GGA ATC CTT TCT TTC CTG GGA CTG GTG Val Ala Val Leu Ala Ser Leu Gly Ile Leu Ser Phe Leu Gly Leu Val	1273
	370
	375
	380
GCT GGG GCC CTG GCA CTG GGG CTC TGG CTG AGG CTG AGA CGG GGT GGG Ala Gly Ala Leu Ala Leu Gly Leu Trp Leu Arg Leu Arg Arg Gly Gly	1321
	385
	390
	395
AAG GAT GGA TCC CCA AAG CCT GGG TTC TTG GCC TCA GTG ATT CCA GTG Lys Asp Gly Ser Pro Lys Pro Gly Phe Leu Ala Ser Val Ile Pro Val	1369
	400
	405
	410
GAC AGG CGT CCA GGA GCT CCA AAC CTG TAGAGGACCC AGGAGGGCTT Asp Arg Arg Pro Gly Ala Pro Asn Leu	1416
	415
	420
CGGCAGATTTC CACCTATAAT CCTGTCTTGC TGGTGTGGAT AGAAACCAGG CAGGACAGTA	1476
GATCCCTATG GTTGGATCTC AGCTGGAAGT TCTGTTTGA GCCCATTTCT GTGAGACCCCT	1536
GTATTTCAAA TTTGCAGCTG AAAGGTGCTT GTACCTCTGA TTTCACCCCA GAGTTGGAGT	1596
TCTGCTCAAG GAACGTGTGT AATGTGTACA TCTGTGTCCA TGTGTGACCA TGTGTCTGTG	1656
AAGCAGGGAA CATGTATTCT CTGCATGCAT GTATGTAGGT GCCTGGGGAG TGTGTGTGGG	1716
TCCTTGGCTC TTGGCCTTTC CCCTTGCAGG GGTGTGTGCAG GTGTGAATAA AGAGAATAAG	1776
GAAGTTCTTG GAGATTATAC TCAG	1800

FIGURE 9

16/21

H1 MSSSCSGLSRVLVAVATALVSASSPCPQAWGPPGVQYGQP
 M1 *****T*****S*****

H41 GRSVKLCCPGVTAGDPVSWFRDGE PKLLQGPD SGLGHELV
 M41 **P*M*****S**T*****DSR*****R**

H81 LAQADSTDEGTYICQTL DGALGGTVTLQLGYPPARPVVSC
 M81 ***V**P*****V*****VS**M**K**F*****E***

H121 QAADYENFSC TWSPSQISGLPTRYLTSYRKKTVLGADSQR
 M121 **V*****G*V*****LP**E***

H161 RSPSTGPWPCPDPLGAARCVVHGAEFWSQYRINVTEVNP
 M161 E*****E*S*****E*****

H201 LGGASTRLLDVSLQ SILRPDP PQGLRVESVPGYPRRLRAS
 M201 **#***C*****R*****H**

H241 WTPASWPCQPHFLLKFRLQYRPAQHPAWSTVEPAGLEEV
 M240 *****RR*****I*****

H281 ITDAVAGLPHAVRVSARDFLDAGTWSTWSPEAWGTPSTGT
 M280 *****A*****P

H321 IPKEIPAWGQLHTQP#E#VEPQVDSPAPPRPSLQPHPRLLD
 M320 LQD***D*S*G*G*QL*A*VA*E*****A*****D**P**

H360 HRDSVEQVAVLASLGILSFLGLVAGALALGLWLRLRRGGK
 M361 ***PL*****F*C***AV*****S**

H400 DGSPKPGFLASVIPVDRRPGAPNL
 M401 **PQ***L**PM***EKL**I***QRTPENFS

17/21

FIGURE 10

FIG. 10A

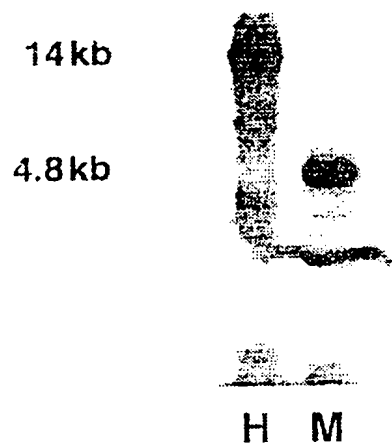
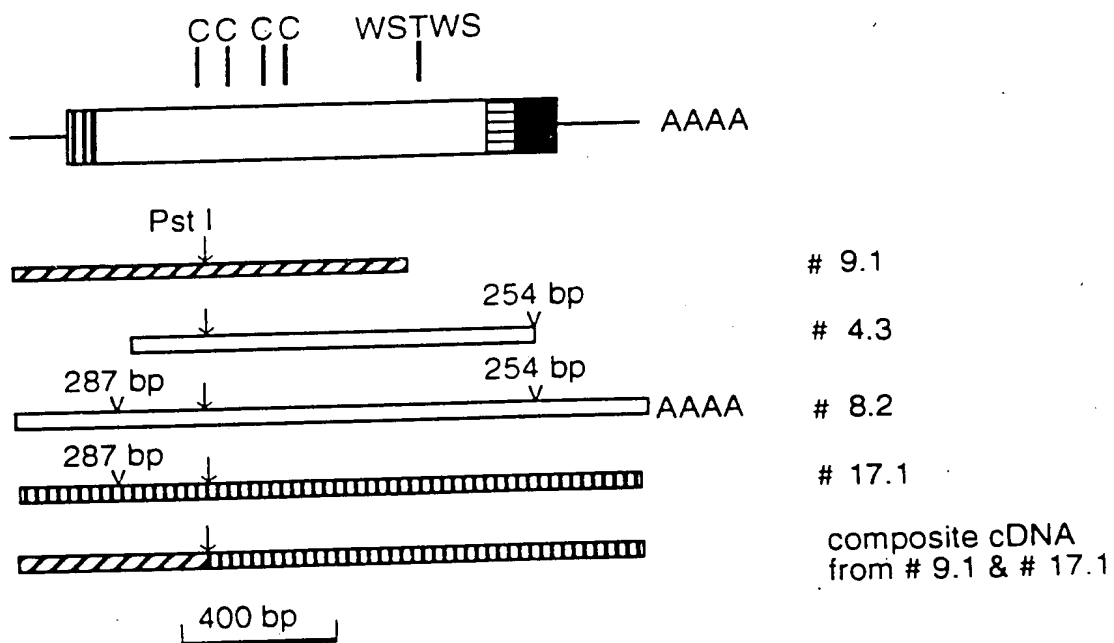


FIG. 10B



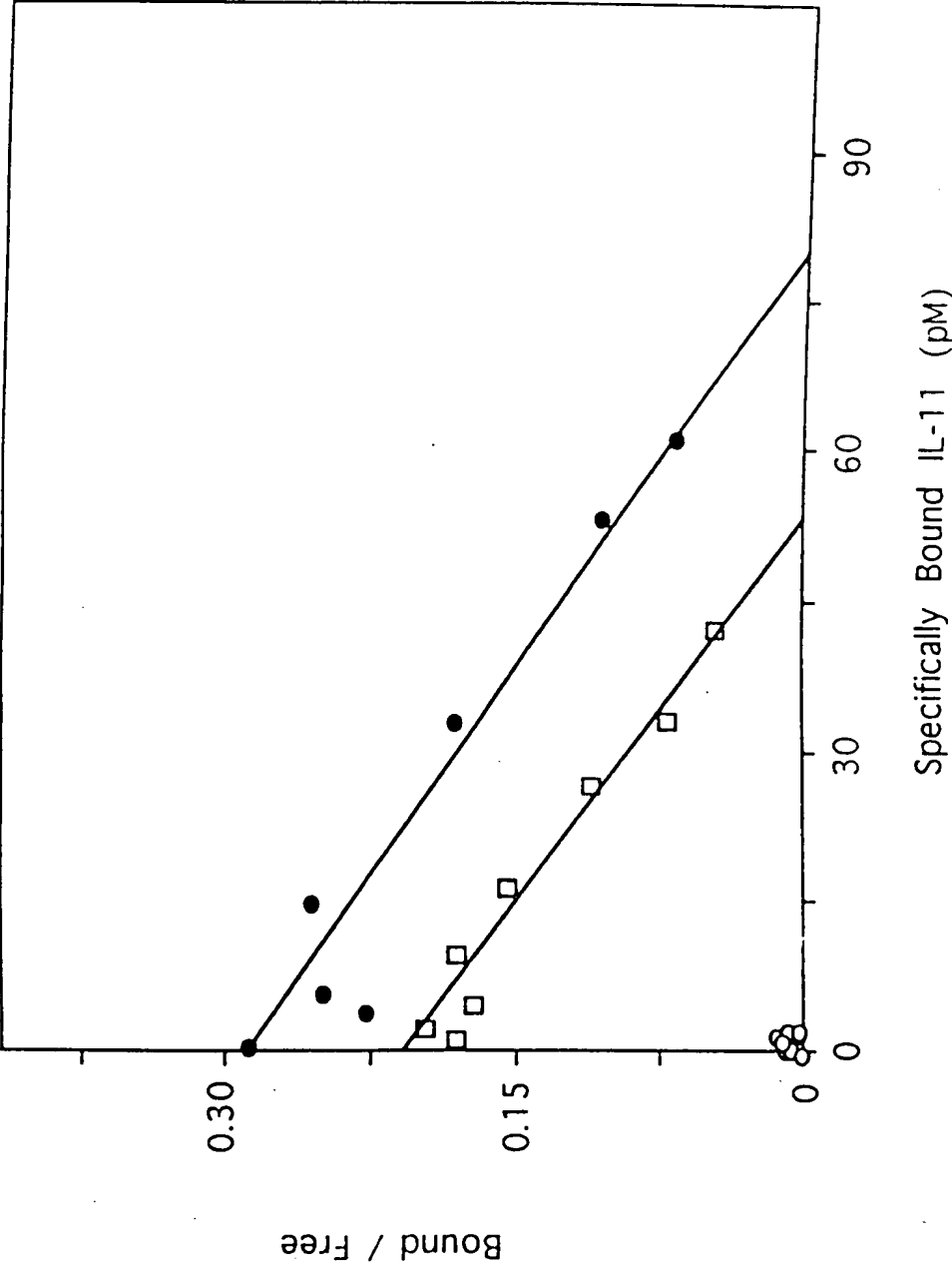
18/21

FIGURE 11



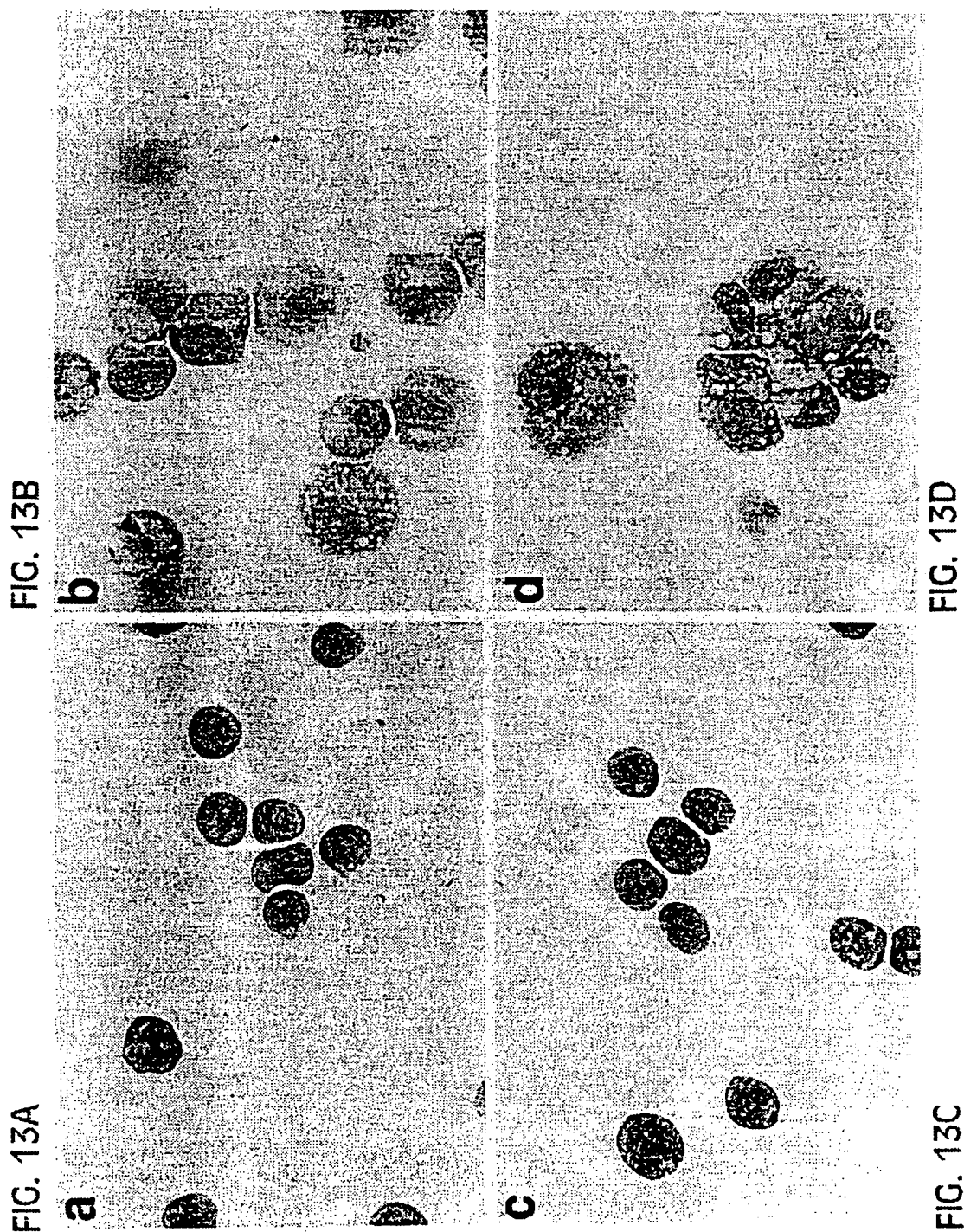
19/21

FIGURE 12



20/21

FIGURE 13



21/21

FIGURE 14

